

AMENDMENTS TO THE CLAIMS:

Please amend Claim 16 as follows:

Claims 1 to 15 (Cancelled).

16. (Currently Amended) An image pickup apparatus comprising:  
an image sensor that picks up an image corresponding to an optical image, and  
produces a first field image signal and a second field image signal having different  
exposure from the first field image signal;

*H/CN*  
a synthesizing circuit that synthesizing synthesizes the first field image signal  
and the second field image signal to form a synthesized field image signal having a  
synthesized exposure;

a detecting circuit that detects an amount of motion vector and produces a  
detection signal in comparison with a predetermined threshold level; and

a control circuit that selects a non-synthesizing mode ~~or a synthesizing mode if~~  
the amount of motion vector is more than said predetermined threshold level and a  
synthesizing mode of producing said synthesized field image signal having the synthesized  
exposure if the amount of motion vector is less than said predetermined threshold level or  
~~operation in response to the detection signal from said detecting circuit.~~

17. (Previously Presented) An image pickup apparatus according to  
Claim 16, wherein the first field image signal and the second field image signal are  
sequential signals.

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18. (Previously Presented) An image pickup apparatus according to Claim 16, wherein the first field image signal and the second field image signal are different in exposure.

19. (Previously Presented) An image pickup apparatus according to Claim 16, wherein the first field image signal and the second field image signal are produced with different exposure periods.

20. (Previously Presented) An image pickup apparatus according to Claim 16, wherein said synthesizing circuit selects a proper exposure part of the first field image signal and a proper exposure part of the second field image signal to produce one synthesized image signal.

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